

AMENDMENTS TO THE CLAIMS

1. (Original) An optical pickup head of an optical recording reproducing apparatus, comprising:

a slider installed so as to be slidable along the surface of an optical disk and having a convergence lens at a side for focusing light; and

a micro-actuating means installed so as to be laminated with the slider in order to adjust an optic axis of the convergence lens minutely.

2. (Original) The optical pickup head of claim 1, further comprising:

a lower fixed body installed at the top of the slider, having plural lower fixed electrodes on the inner circumference at regular intervals;

an upper fixed body installed at the top of the lower fixed body so as to be corresponded to a shape of the lower fixed body and have plural upper fixed electrodes on the inner circumference at regular intervals;

an insulating layer interposed between the lower fixed body and the upper fixed body;

a moving body installed so as to be corresponded to the lower and upper fixed bodies, moving in the optical axis direction and having a moving electrode at the outer circumference arranged alternately between the lower and upper fixed electrodes; and

plural electrode pads for supplying power to the lower fixed body, the upper fixed body and the moving body in order to driving the moving body.

3. (Original) The optical pickup head of claim 1, wherein the lower fixed electrode, the upper fixed electrode and the moving electrode are arranged as a comb-pattern.

4. (Original) The optical pickup head of claim 1, wherein the slider is made of a transparent material.

5. (Original) The optical pickup head of claim 4, wherein an air bearing surface is formed on the bottom surface of the slider corresponded to the optical disk.

6. (Original) The optical pickup head of claim 1, wherein a magnetic coil is formed at the slider in order to magnetize the optical disk.

7. (Original) The optical pickup head of claim 6, wherein the magnetic coil is inserted into an insertion groove formed at the bottom surface of the slider.

8. (Original) The optical pickup head of claim 7, wherein filler having at least one of SiO₂ and Si₃N₄ is charged around the circumference of the magnetic coil of the slider.

9. (Original) The optical pickup head of claim 1, further comprising:
an elastic-supporting portion in which one side is connected to the upper fixed body and another side is connected to the moving body in order to support the moving body elastically.

Claims 10-22 (canceled).